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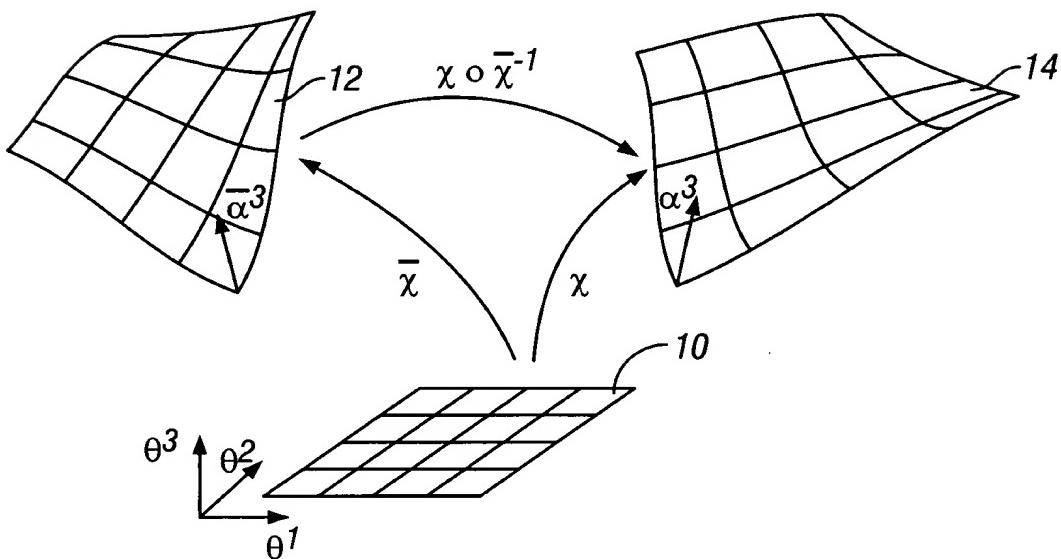


FIG. 1

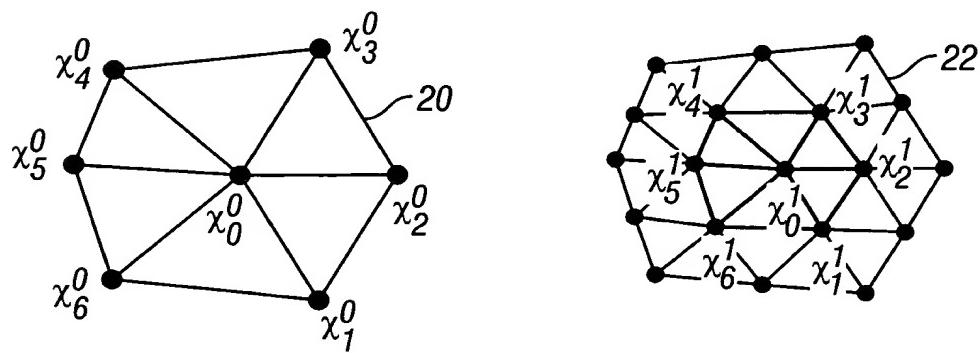
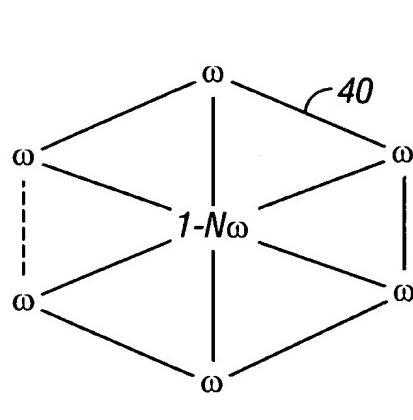
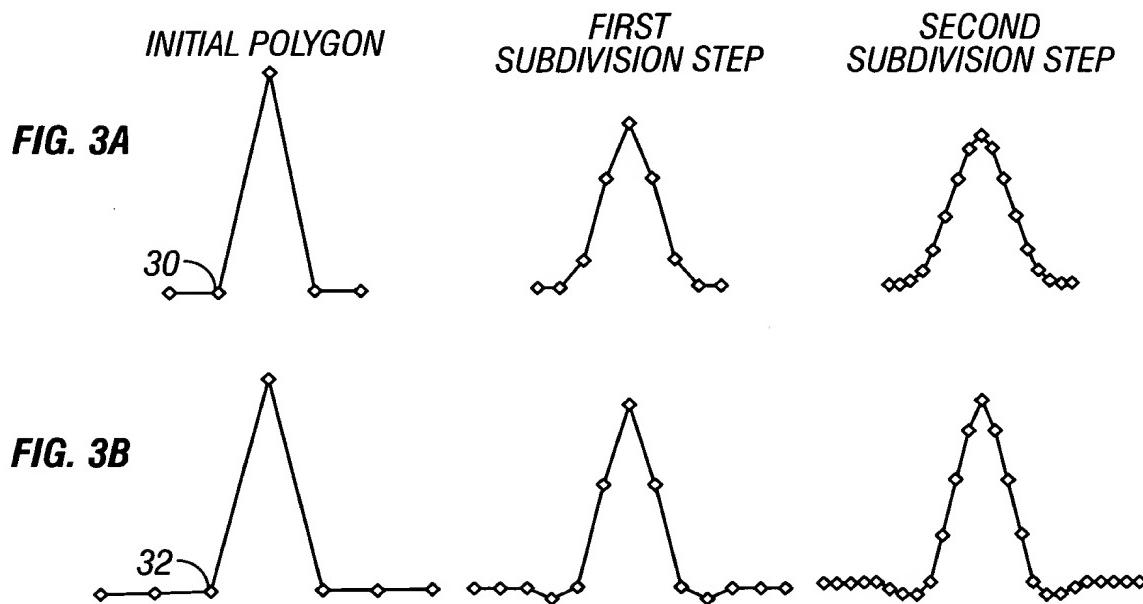


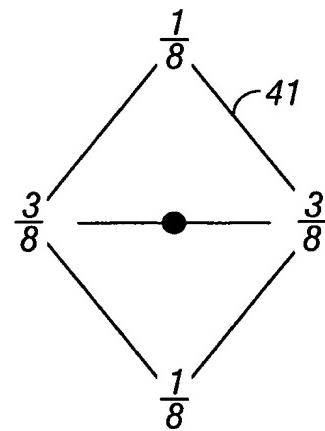
FIG. 2



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**FIG. 4A**



**FIG. 4B**



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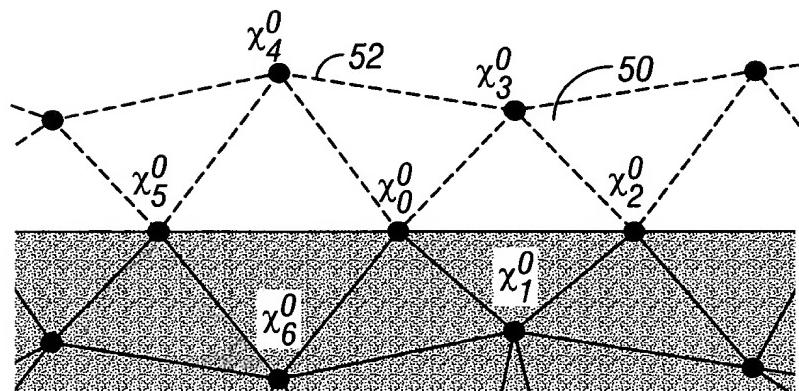


FIG. 5

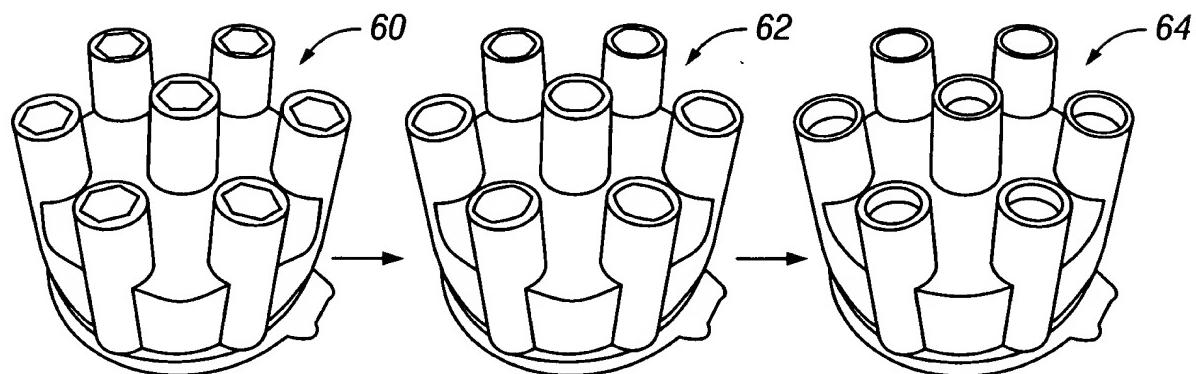
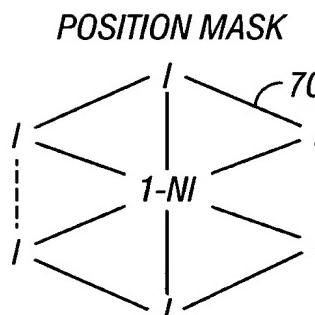


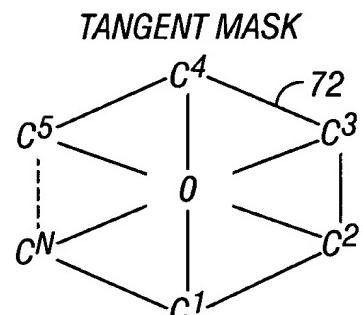
FIG. 6

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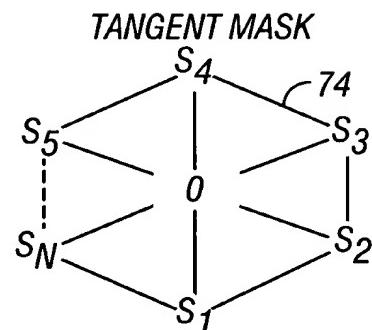
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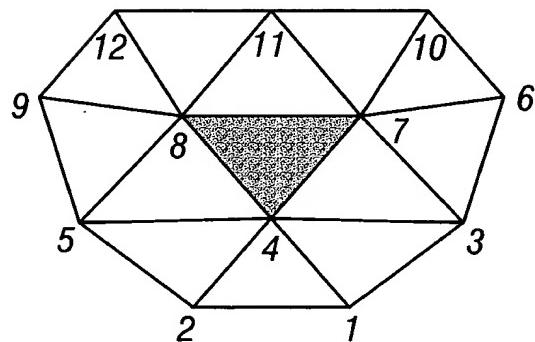
*FIG. 7A*



*FIG. 7B*



*FIG. 7C*



*FIG. 8*

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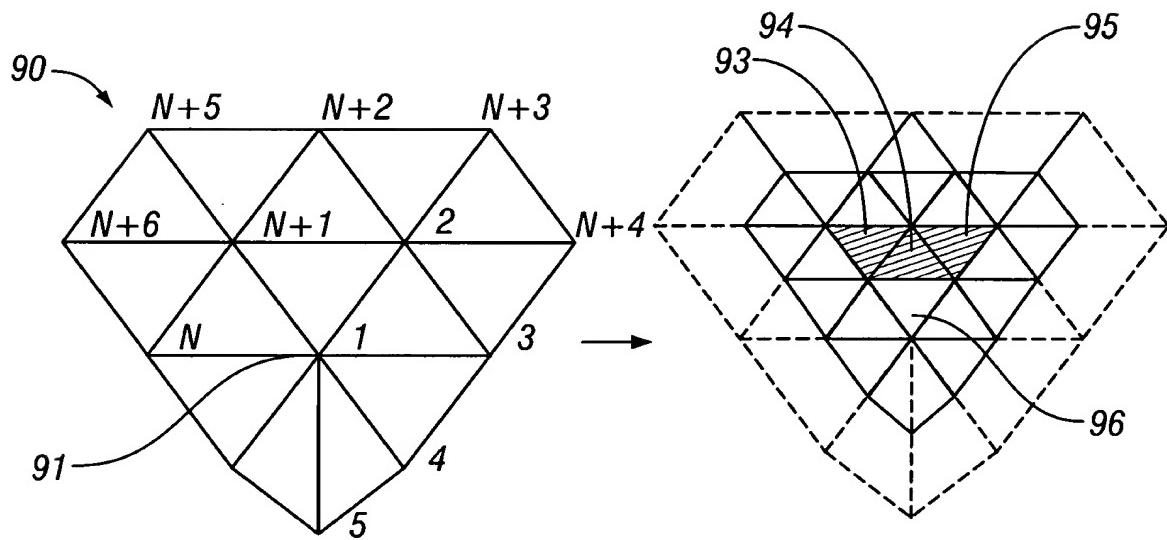


FIG. 9

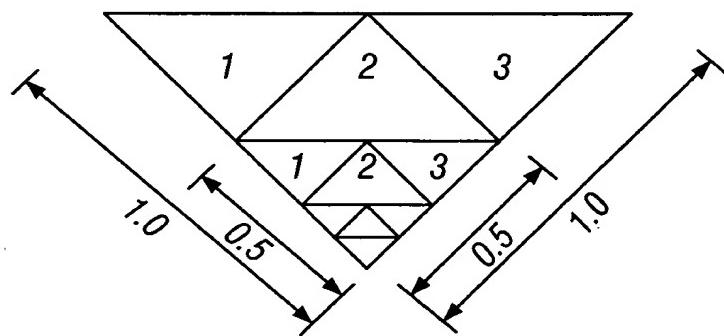


FIG. 10



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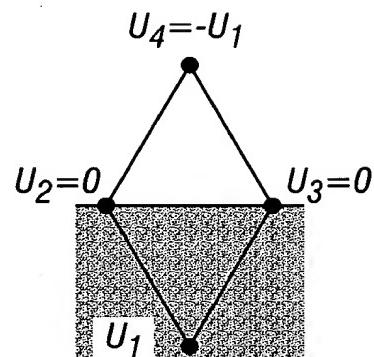
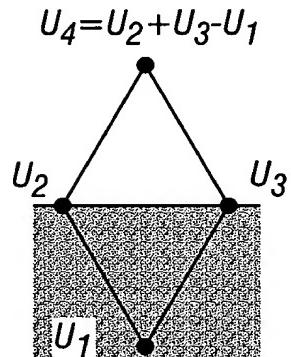
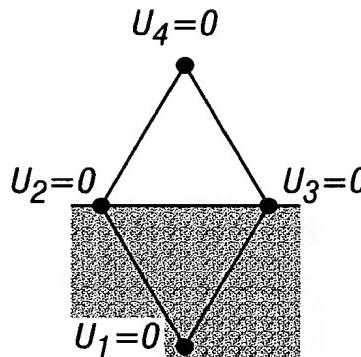


FIG. 11A

FIG. 11B

FIG. 11C

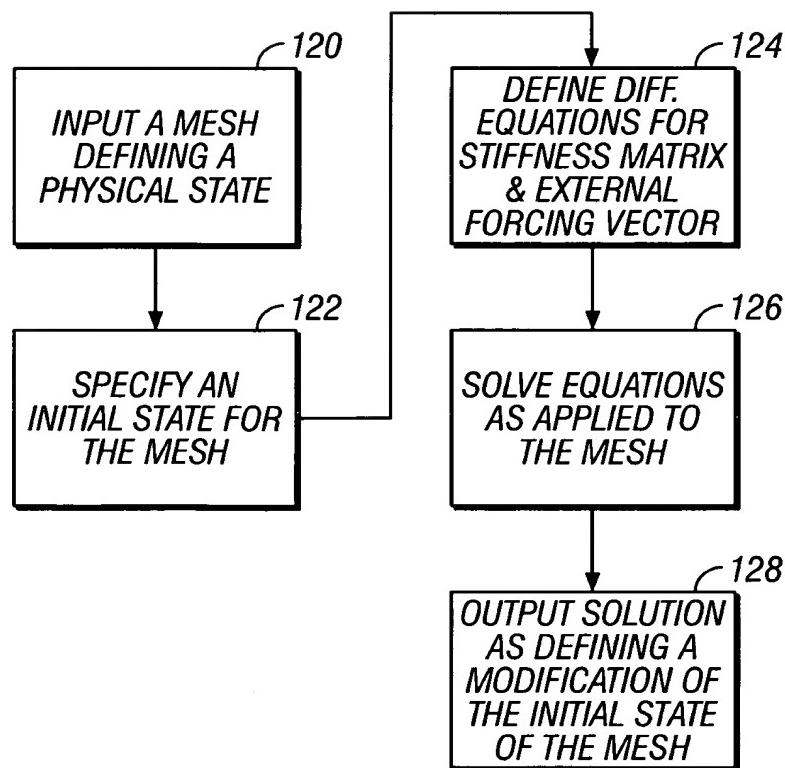


FIG. 12



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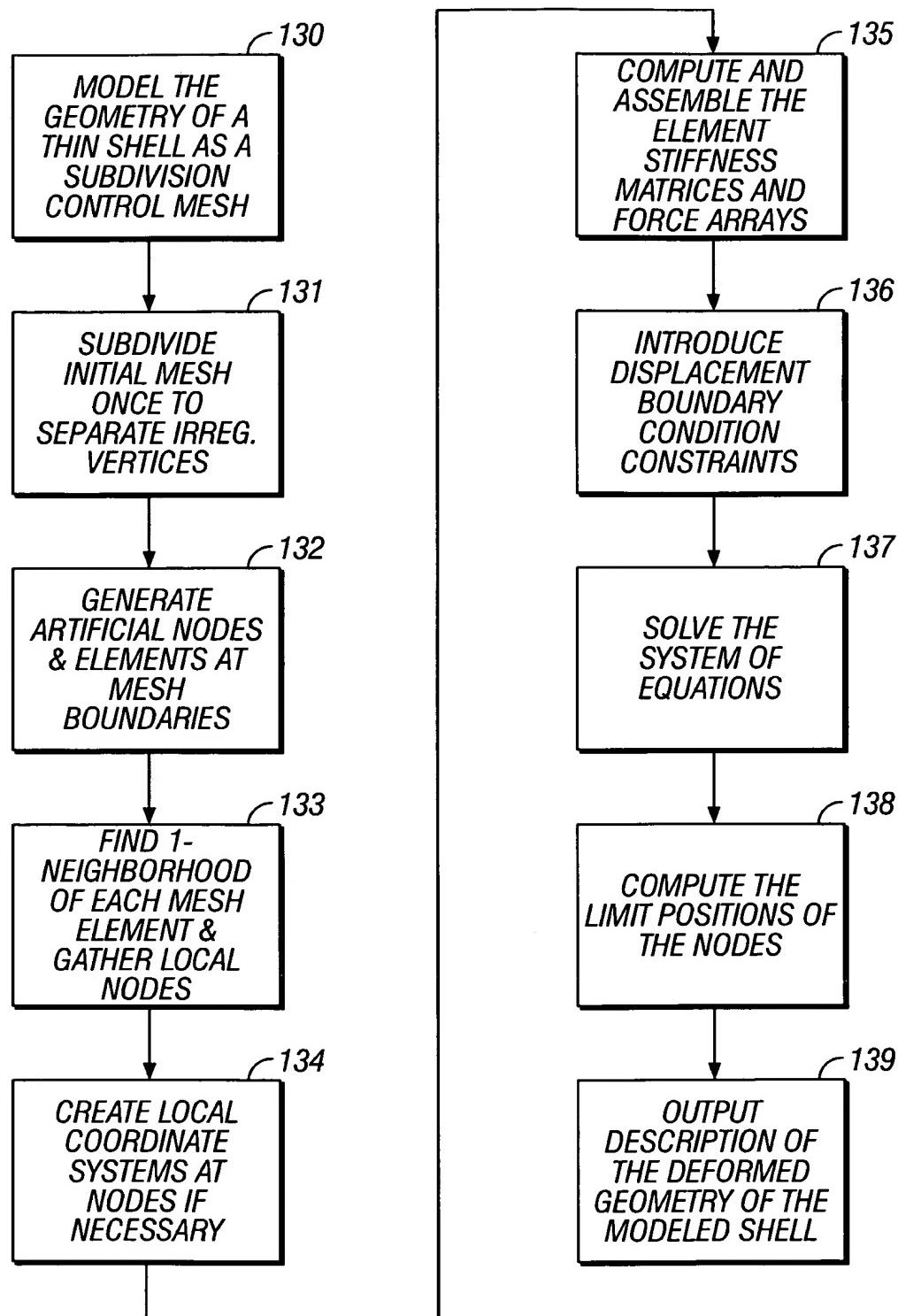


FIG. 13



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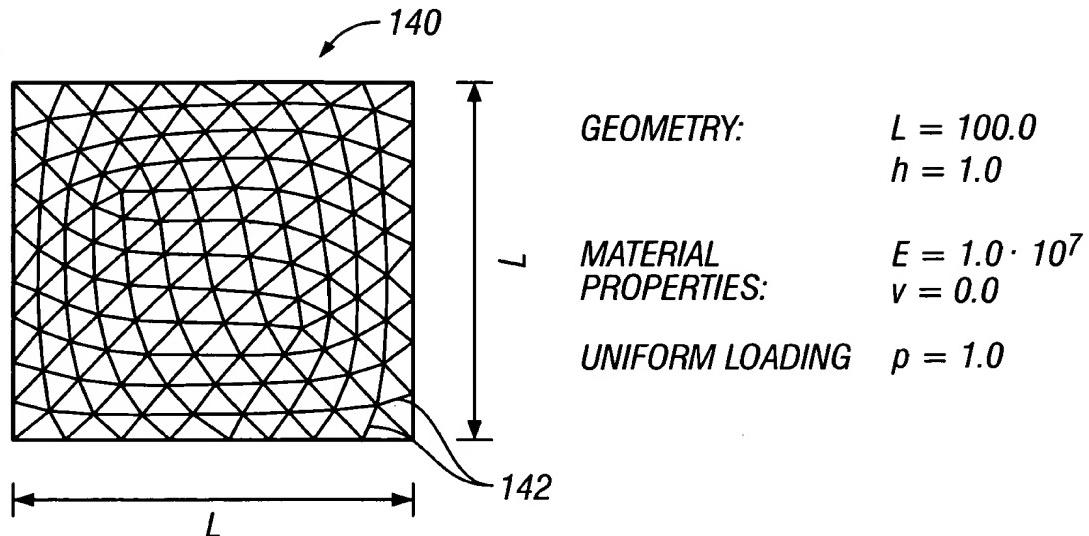


FIG. 14

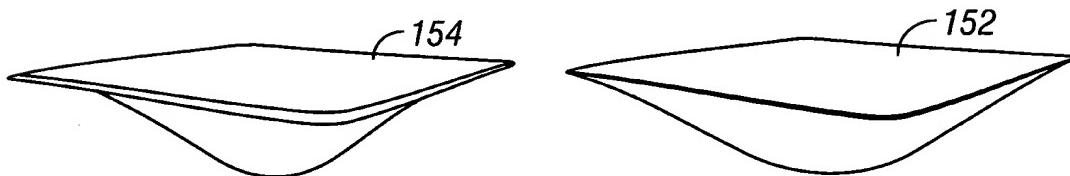


FIG. 15A

FIG. 15B



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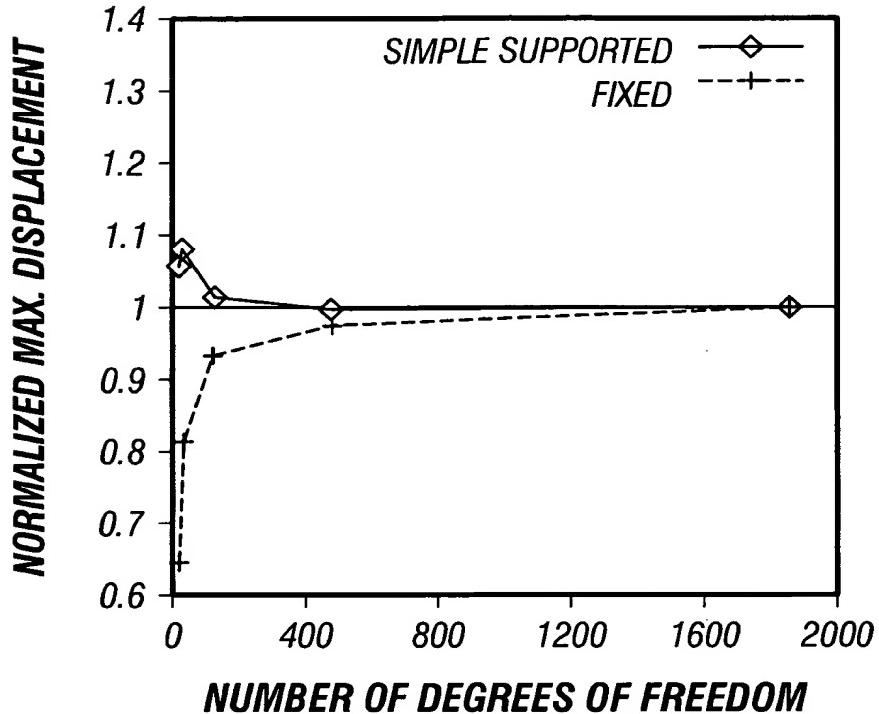


FIG. 16A

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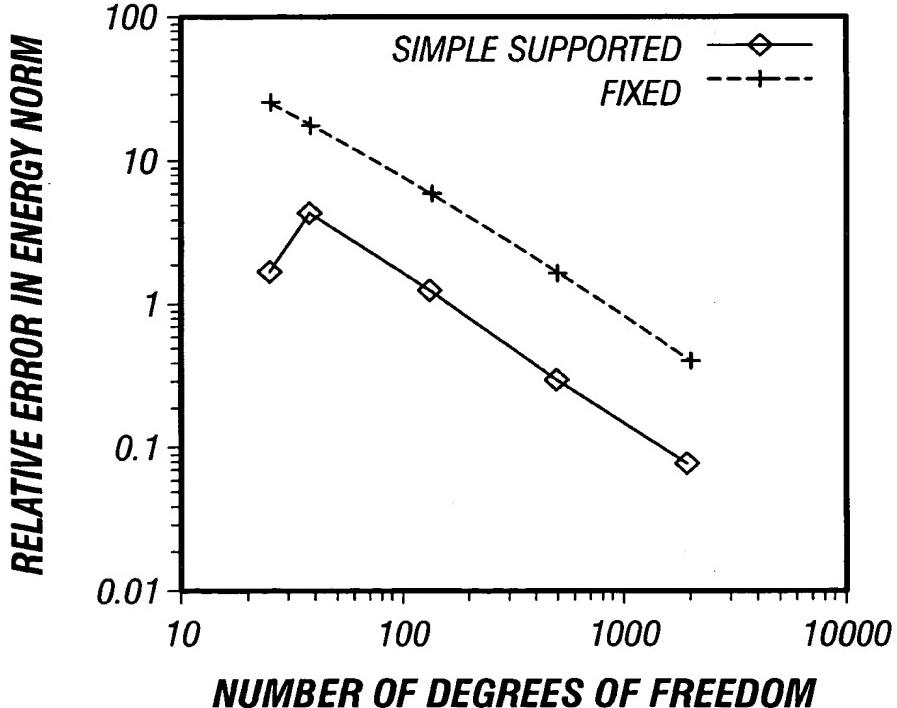
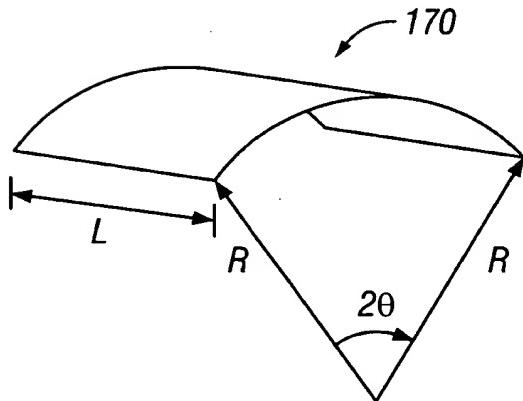


FIG. 16B



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GEOMETRY:  
 $L = 50.0$   
 $R = 25.0$   
 $h = 0.25$   
 $\theta = 40^{\text{deg}}$

MATERIAL PROPERTIES:  
 $E = 4.32 \cdot 10^8$   
 $v = 0.0$

GRAVITY LOAD  
 $p = 90.0$

FIG. 17

FIG. 18A

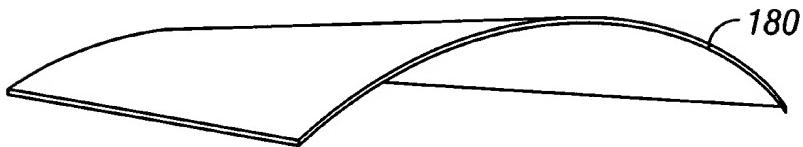
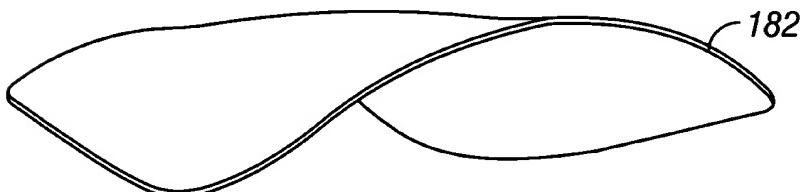
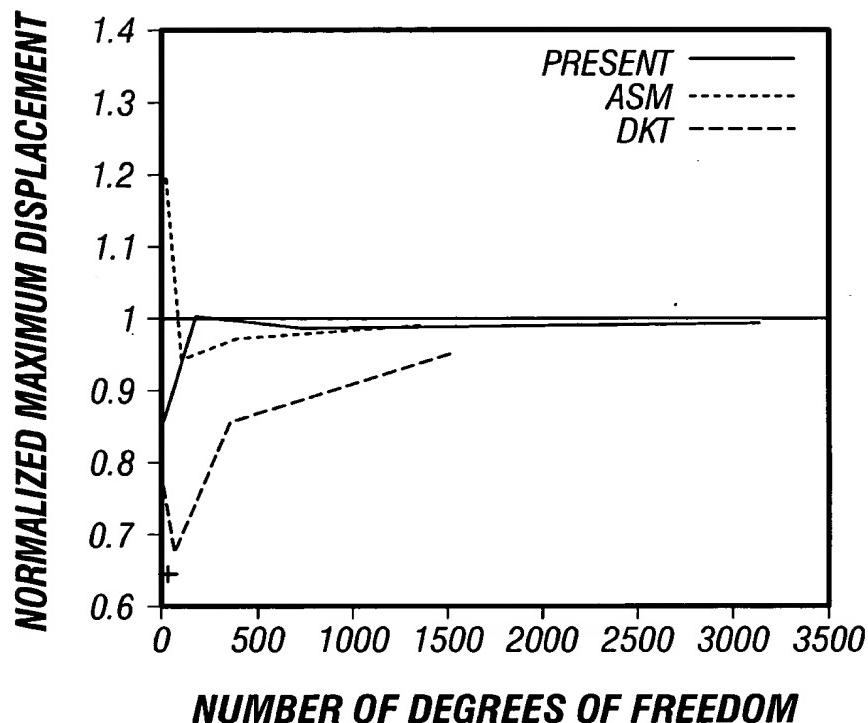


FIG. 18B

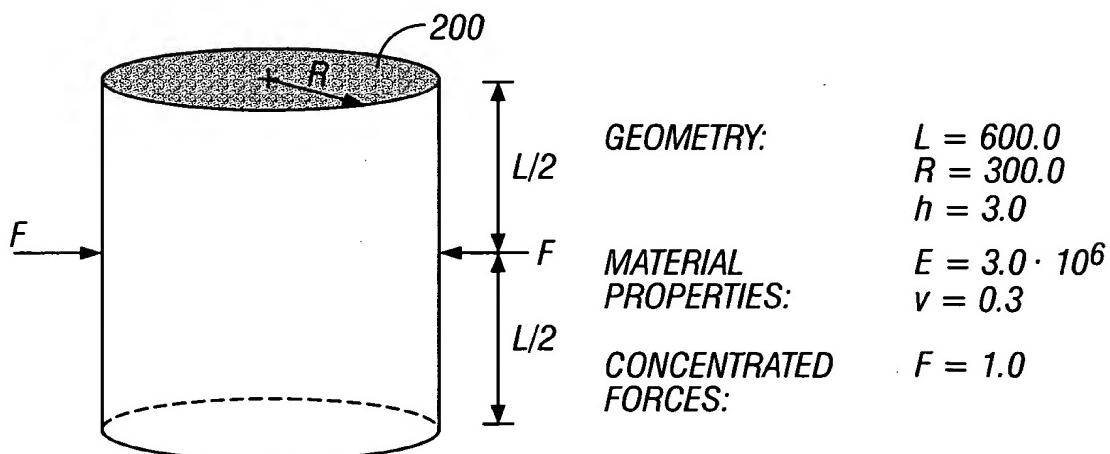




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**FIG. 19**



**FIG. 20A**

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P A T E N T & T R A D E M A R K C O M M I S S I O N

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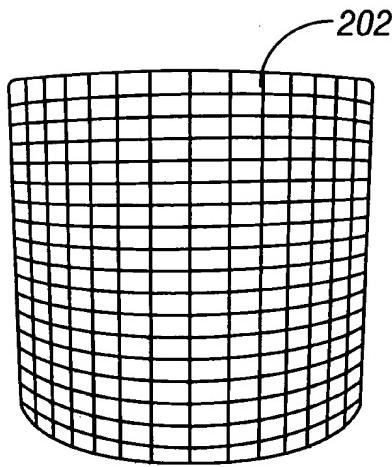


FIG. 20B

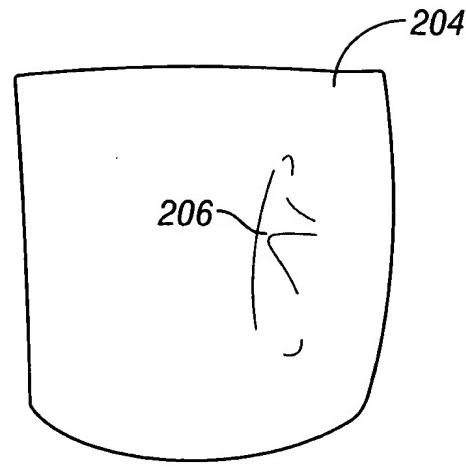


FIG. 20C

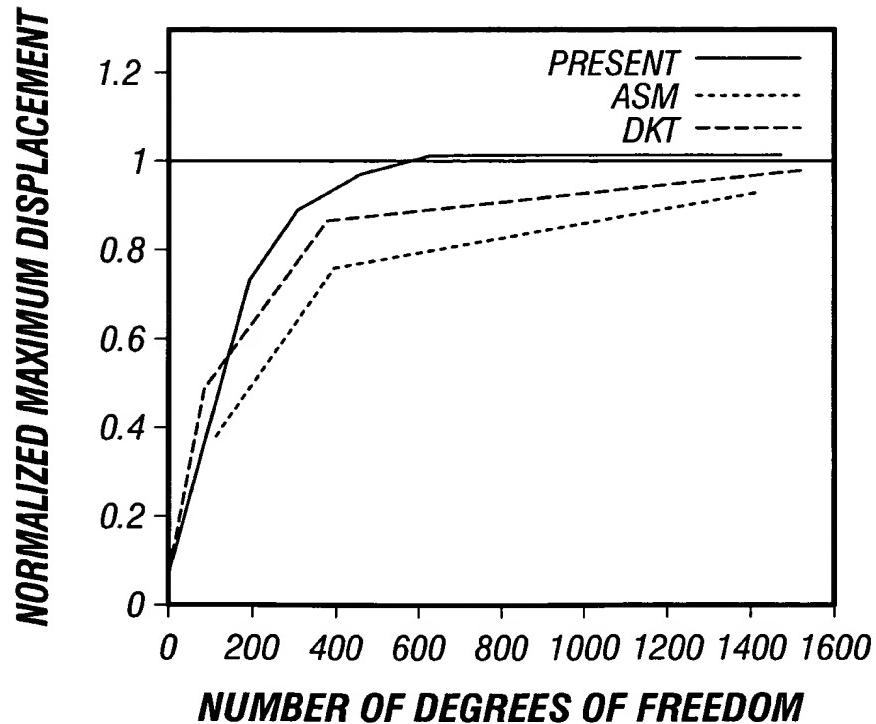


FIG. 21A



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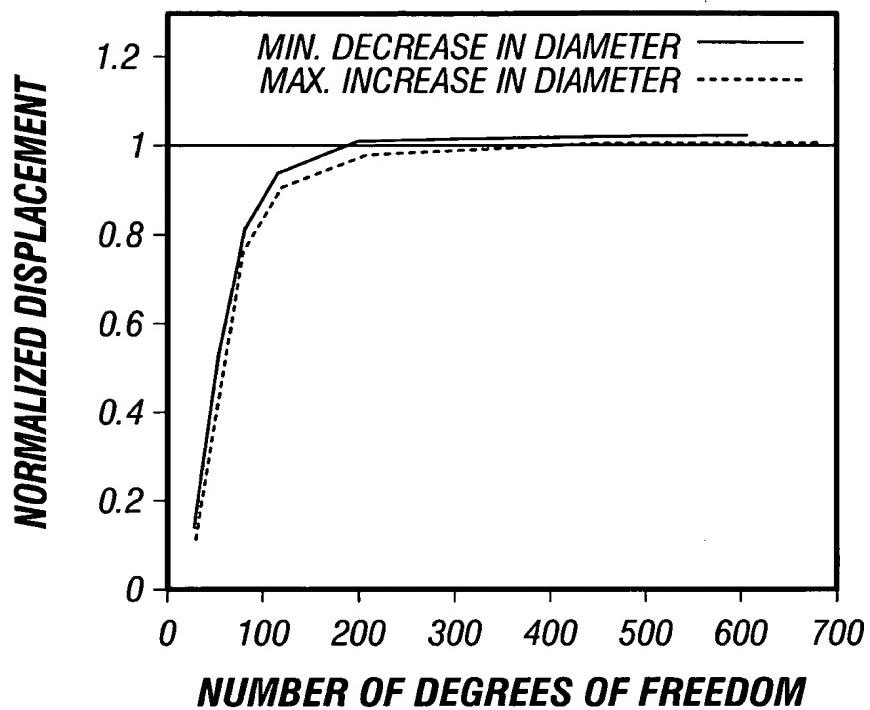


FIG. 21B

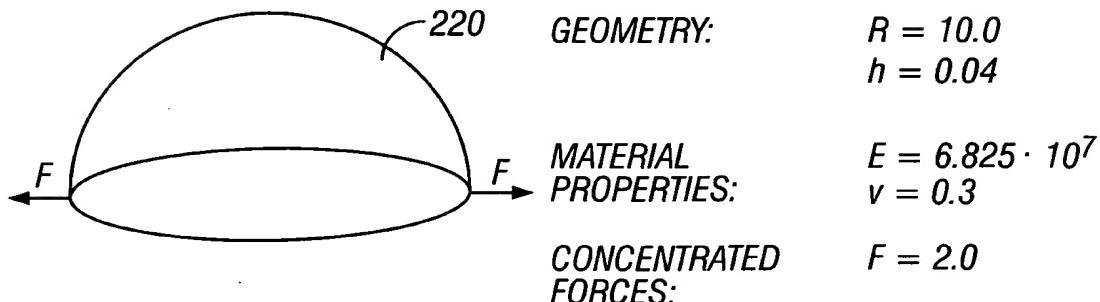


FIG. 22A

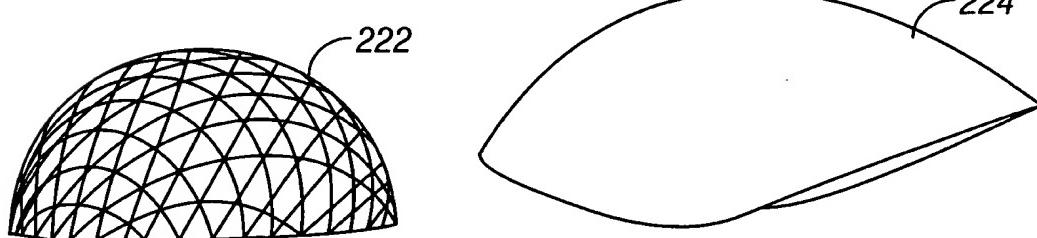


FIG. 22B

FIG. 22C



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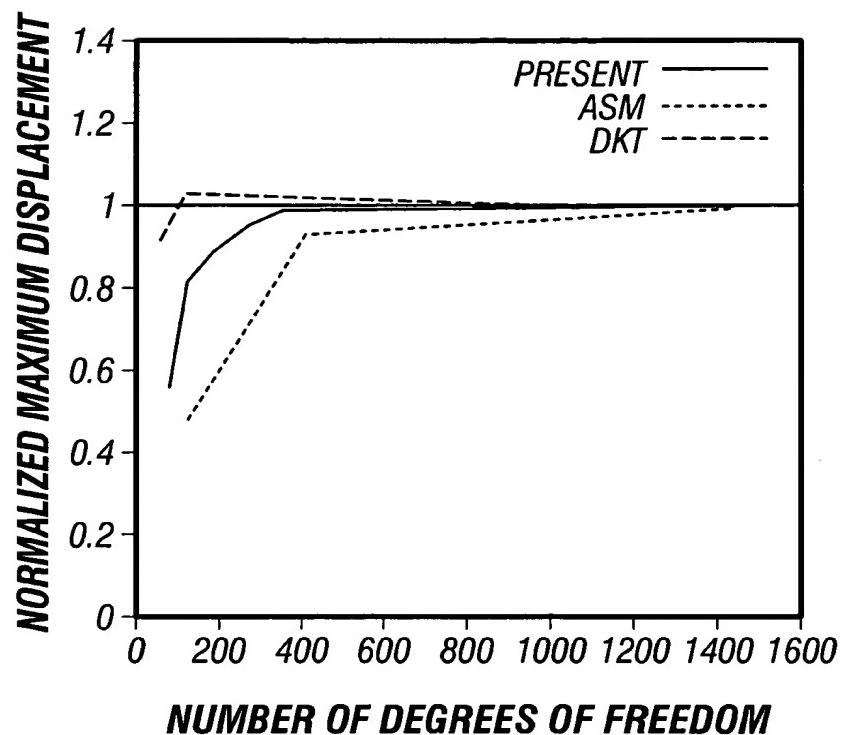


FIG. 23